

**AMENDMENTS TO THE SPECIFICATION:**

At page 1, above line 4 insert:

**BACKGROUND OF THE INVENTION**

1. Field of the Invention

At page 1, between lines 17 and 19 insert:

2. Description of the Related Art

At page 4, between lines 12 and 14 insert:

**SUMMARY OF THE INVENTION**

At page 8, at line 25 insert:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Figure 1a: A 3D representation of a cubic or cuboidal organ support cartridge with three types of micro- capillaries is illustrated.

Figure 1b: A cross-section is illustrated showing all the capillaries and PHP in the bulk, the channels are denoted as A-channels, B-channels, and C-channels.

Figure 2a: A 3D representation of a cubic or cuboidal organ support cartridge where three types of channels or capillaries, identified as A, B, and C are connecting the faces of a cube, indicated as A-A', B-B' and C-C', respectively.

Figure 2b: A schematic 3D representation of a cubic or cuboidal organ support cartridge where three types of channels or capillaries, identified as A, B, and C.

**DETAILED DESCRIPTION OF THE INVENTION**